



*ITW*

Docket No.: 36507-193188  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Sohl et al.

Application No.: 10/666558

Confirmation No.: 5541

Filed: September 22, 2003

Art Unit: 1744

For: ENHANCED SUBSURFACE SCANNING  
SYSTEM, METHOD AND COMPUTER  
PROGRAM PRODUCT

Examiner: Not Yet Assigned

**PETITION TO MAKE SPECIAL  
UNDER 37 CFR 1.102(c)**

MS Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith is a Petition to Make Special the above-identified patent application. The basis of this Petition is that the invention will materially enhance the quality of the environment.

In particular, the invention provides an enhanced scanning solutions module including a flow control subsystem; a detector subsystem coupled to the flow control subsystem; a dryer/moisture separator subsystem coupled to the flow control subsystem; a sampling subsystem coupled to the flow control subsystem; and a software control subsystem coupled to the flow control subsystem, the detector subsystem, the dryer/moisture separator subsystem, or the sampling subsystem. The module can include a sampling subsystem having: a sample loop; an absorbent trap; or a gas chromatography injection port. The module can further include an exhaust; a pneumatic supply; a power supply; a bypass module; a feedback signal; or a pressure control

**PETITION GRANTED**

Richard Crispino  
Special Program Examiner  
Technology Center 1700  
MAY 25 2005